

## **APPENDIX C**

### **Watershed Assessments**

Watershed assessments are tools which help us understand the factors which limit salmonid productivity. Within the state of Washington, a number of watershed assessments have been conducted. These assessments have used a variety of approaches and addressed geographic areas ranging in size from the watershed administrative unit (WAU) to the entire Columbia River Basin. Assessments have been conducted to address a number of different issues including but not limited to salmonid recovery, flood control, forest plans, water quality and water quantity. Information collected in these efforts is of value for salmonid recovery planning as all of these issues may affect the productivity of salmonid populations.

For purposes of this project, a watershed assessment was defined as:  
*a systematic procedure for characterizing watershed and ecological processes to meet specific management and social objectives.*

The list of watershed assessments prepared for the WRIP includes those identified in the 1993 report on Significant Watershed Activity Survey conducted by the Office of the Governor.

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*Information was summarized for publication in this report. For the complete information collected, download the WRIP spreadsheets from the Washington Department of Fish and Wildlife homepage ([www.wa.gov/wdfw/](http://www.wa.gov/wdfw/)).*

# APPENDIX C A List of Watershed Assessments by WRIA

ENTRY #	WRIA	Document Title	Author	Date Completed	Issues Addressed
1	1-23	SSHIAP (Salmon and Steelhead Habitat Inventory and Assessment Project)	NWIFC	Ongoing	Salmon and Steelhead habitat from the headwaters to the estuaries, all issues affecting habitat quality and quantity and fish production
2	1	Lake Terrell & Tennant Lake Wildl. Area mgmt plan	WDFW	1997	Wildlife
3	1	Samish Bay Watershed NonPoint	Samish Watershed Management	12/95	Physical Characteristics
4	1	Kamm Creek Early Action Watershed Plan	Whatcom CD		Water Quality
5	1	North Fork Nooksack River Native Chinook Rebuilding Program	WDF		Salmon recovery
6	1	Nooksack River Basin Watershed Planning	Whatcom Co/DOE		Improve basin plan coord
7	1	Drayton Harbor Watershed Action Plan	Whatcom CD,COG		Water Quality
8	1	Watershed Master Volunteer Program	WSU/Whatcom Co. Extension		Water Quality
9	1	Tenmile Creek Watershed Action Plan	Whatcom CD		Water Quality
10	1	Silver Creek Early Action Watershed Plan	Whatcom CD,COG		Water Quality
11	1	DNR HCP			
12	1	Noodsack, NR	USFS (Mt Baker/Snog)	1995	Fish, Water Qual, land use
13	1	Porter/Canyon	Trillium Corp		Fish, Water Qual, land use
14	1	Skookum	MRGC	4/95	Fish, Water Qual, land use
15	1	WDFW Wild Stock Recovery efforts			
16	1	DOE Nooksack Watershed Project			
17	1	Lake Whatcom	DNR		Fish, Water Qual, land use
18	1	Jordan-Boulder	DNR	3/97	Fish, Water Qual, land use
19	1	Warnick	DaPaul/Trillium	1/96	Fish, Water Qual, land use
20	1	Acme	Trillium		Fish, Water Qual, land use
21	1	State of the Nooksack River Watershed	DOE/Nooksack Initiative Office	11/95	
22	1	Analysis of climatic factors for the largest flood events on the lower Nooksack R., Whatcom Co., WA	Roger G. Bertschi	2/93	Flooding
23	1	Nooksack River Basin Mgmt Planning	Whatcom Co. Planning Dept	10/94	Hydrology & fish info
24	1	Canyon Cr (Nooksack)	USFS (Mt Baker/Snog)	2/96	Fish, Water Qual, land use

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25	3	Nookachamps Watershed Nonpoint Action Plan	Skagit Co. Planning & Development	1/95	Physical Characteristics Beneficial Uses Land Uses Water Quality Data WQ Implementation
26	3	Lower Skagit River Basin Monitoring Final Plan	Entranco Engineers, Inc.	11/91	WQ Assessment WQ as Fish Habitat Fish Passage Limits
27	3	Padilla Bay Watershed Action Plan	Padilla Bay Watershed Management Committee and Skagit Dept. of Planning & Development and Dept. of Ecology	12/94	Physical Characteristics Beneficial Uses Land Uses Water Quality Data Shellfish, Water Quality Nonpoint Pollution Salmonids, Wildlife
28	3	Hansen Creek	DNR/Crown	4/96	Fish, Water Qual, land use
29	3	Nookachamps	DNR		Fish, Water Qual, land use
30	3	Nookachamps Watershed Action Plan	Skagit Co board of comm		Water Quality
31	3	Skagit Chinook Study	Skagit Coop		Chinook production
32	3	Skagit Co Culvert Rehab Prog	Skagit Co		Fish passage
33	3	Coho Production Study	Skagit Coop		Coho product, hab eval
34	3	Samish River Watershed Action Plan	Skagit Co		Water Quality
35	4	Skagit R. Rest. Effort (fed. Wildl. & Sciencic R)	USFS		Fish. hab rest. cultural values
36	5	Historical habitat Reconstruction as a guide for protection & restoration of Salmon habitat in Stillaguamish Basin. Wa State	George Pess		
37	5	Portage Creek Watershed Inventory	Snohomish Co		Water Quality
38	5	Skykomish Scenic River Mgmt Plan	WA State Parks		Scenic river mgmt plan
39	5	Skykomish Scenic River Flood Mgmt	WA State Parks, Snohomish Co		Alternative flood cntrl method
40	5	Deer Creek	DNR	9/96	Fish, Water Qual, land use
41	5	Canyon Cr/Stilly SF Lwr	USFS/Stilly Tribe	6/96	Fish, Water Qual, land use
42	5	Stillaguamish R. Ecosystem Rest. Gen. Investigation	US Army Corps of Engineers Seattle Dist	9/97	Investigate flood damage etc
43	5	Stillaguamish, SF Upr	USFS (Mt Baker/Snoq)	1995	Fish, Water Qual, land use

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44	5	Hazel	DNR		Fish, Water Qual, land use
45	5	Action List for the Mainstem Stillaguamish Watershed		8/96	
46	5	Stillaguamish Watershed Action Plan	Snohomish County Public Works	1/90	Environmental/Water Quality
47	7	Snoqualmie Wildl Area Mgmt plan	WDFW	1995	Wildlife
48	7	Tye River (Skykomish)	USFS (Mt Baker/Snoq)	1994	Fish, Water Qual, land use
49	7	Woods	DNR	8/93	Fish, Water Qual, land use
50	7	Lake Stevens 205(J) Watershed Study	City of Lake Stevens		Water Quality
51	7	Beckler-Rapid R (Skykomish)	USFS (Mt Baker/Snoq)	3/96	Fish, Water Qual, land use
52	7	Griffin/Tokul	Weyerhaeuser	9/96	Fish, Water Qual, land use
53	7	WQ Data Collection & Watershed Mgmt	Tulalip Tribes		Water Quality
54	7	Tolt (5-year review)			Fish, Water Qual, land use
55	7	Snoqualmie, SF	USFS (Mt Baker/Snoq)	1995	Fish, Water Qual, land use
56	7	Skykomish NF/SF & MS	USFS (Mt Baker/Snoq)	3rd Qtr	Fish, Water Qual, land use
57	7	Tolt	Weyerhaeuser	8/93	Fish, Water Qual, land use
58	7	Snohomish Basin Team Resource Guide	Snohomish Basin Team	12/95	Environmental
59	8	Mill Creek basin, King Co, WA Aquatic Resources Restoration Plan	US Army Corps of Engineers Seattle Dist	6/97	Flood control/water qual
60	8	Pipers Creek Watershed Action Plan	City of Seattle Engineering		Water Quality
61	8	Cedar River Basin Plan	King Co SWM		Water qual, fish hab enhanc
62	8	Swamp Creek Watershed Mgmt Plan	Snohomish Co		Water Quality
63	8	North Creek Watershed Action Plan	Snohomish Co		Water Quality
64	8	Proposed Cedar River Basin & Nonpoint Pollution Action Plan	DOE/King Co Surface Water Mgmt	4/96	water quality
65	9	Longview Creek Watershed Plan	City of Seattle Engineering		Water Quality
66	9	Green-Duwamish River Basin Plan	King Co SWM		Water qual, fish hab enhanc,
67	9	Green (Upr/Mid/Lwr)	USFS (Mt Baker/Snoq)		Fish, Water Qual, land use
68	9	Green, Upper/Sunday	Plum Creek	4/95	Fish, Water Qual, land use
69	9	Green-Duwamish R. Basin Gen'l Invest. Eco Restoration Study Reconnaissance Phase	US Army Corps of Engineers Seattle Dist	1/97	Ecosystem restoration
70	9	Green-Duwamish Ecosystem Restoration Study	Corp.'s and King Co.	1/97	Salmonids, Wtr Qual, etc
71	9	Contaminant exposure and associated biological effects in juvenile chinook salmon ( <i>Oncorhynchus tshawytscha</i> ) from urban and nonurban estuaries of Puget Sound	NOAA Tech Memo NMFS-NWFSC-8	4/93	effect of pollutants on salmon

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72	9	Contaminant exposure and associated biological effects in juvenile chinook salmon ( <i>Oncorhynchus tshawytscha</i> ) from urban and nonurban estuaries of Puget Sound	NOAA Tech Memo NMFS-NWFSC-8	4/93	effect of pollutants on salmon
73	9	Moving in the right direction: a progress report of water quality in the Duwamish R, Elliott Bay & central Basin of Puget Sound	King Co Metro	4/94	Water Quality
74	9	Hutchinson Cr	DNR, John Hancock		Fish, Water Qual, land use
75	9	Howard Hanson/Smay Cr	DNR/Plum Cr		Fish, Water Qual, land use
76	9	Lester	Plum Creek		Fish, Water Qual, land use
77	10	South Prairie Creek	DNR/Plum Cr/Champion		Fish, Water Qual, land use
78	10	White R., Upr	USFS (Mt Baker/Snoq)	1994	Fish, Water Qual, land use
79	10	White R., Mid	DNR/Weyco		Fish, Water Qual, land use
80	10	Clearwater (Pierce Co)	Weyerhaeuser/DNR		Fish, Water Qual, land use
81	10	Eval of Hab Enhanc & wild fry suppl as a means of increasing coho salmon production of the Clearwater R, Wash.	Roger Joseph Peters	1996	Salmonids
82	10	Fish injury in the Hylebos Waterway of Commencement Bay, Washington	Collier, T.K., et. al. (NMFS)	1997	effect of pollutants on salmon
83	10	Lower Puyallup Watershed Action Plan	Pierce Co Planning/Land		Water Quality
84	10	Pierce County Wetland Bank	Mary Lynch	1997	Salmonids, wildlife
85	11	Powell Cr/Tanwax/Ohop	DNR/Nisqually Tribe		Fish, Water Qual, land use
86	11	Busy Wild (Mashel)	Nisqually Tribe/DNR		Fish, Water Qual, land use
87	11	Sauk R & forks	USFS (Mt Baker/Snoq)	2/96	Fish, Water Qual, land use
88	11	Mineral NF	Murray-Pacific/DNR/Weyco		Fish, Water Qual, land use
89	1112	Tacoma Cluster Watershed Action Plan	Pierce Co Planning/Land		Water Quality
90	12	Pierce County Wetland Bank	Mary Lynch	1995	Water quality, wildlife
91	12	Pierce County Wetland Bank	Mary Lynch	1995	Water quality, wildlife
92	13	Deschutes Upper			Fish, Water Qual, land use
93	13	Budd/Deschutes Watershed Action Plan	Thurston Co		Water Quality
					Fish, Water Qual, land use
94	14	Kennedy Cr/Summit Lk	DNR/Simpson	9/95	Fish, Water Qual, land use

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95	15	South Puget Sound Wildl. Area Mgmt Plan	WDFW	1995	Wildlife
96	15	Clear Creek Watershed Plan	Kitsap Co		Water Quality
97	15	Upper Hood Canal Watershed Plan	Kitsap Co		Water Quality
98	15	Sinclair Inlet Watershed Action Plan	Kitsap Co		Water Quality
99	15	Kitsap, Southwest	DNR		Fish, Water Qual, land use
100	15	Kitsap, West	DNR		Fish, Water Qual, land use
101	15	Dyes Inlet/Clear Creek Watershed Plan	Kitsap Co		Water Quality
102	16	Lower Duckabush Watershed Analysis	DNR, USFS,	In Progress	Fish, Wildl, Wtr Qual, etc
103	16	Skokomish, Lower	USFS (Olympic NF)		Fish, Water Qual, land use
104	16	Lower Hood Canal Watershed Mgmt Plan	Mason Co		Water Quality
105	16	Skokomish R Basin Wtrshd/Eco Imprv Act Plan	Skokomish Tribe		Wtrshd/ecosysrestoration
106	16	Skokomish, SF (state)	Simpson/Skok Tribe		Fish, Water Qual, land use
107	16	Dickey, East & West	Rayonier/USFS		Fish, Water Qual, land use
108	16	Hamma Hamma/Hood C	USFS (Olympic NF)	7/97?	Fish, Water Qual, land use
109	16	Skokomish, SF (fed)	USFS (Olympic NF)		Fish, Water Qual, land use
110	17	Ludlow Watershed Action Plan	Jefferson Co		Water Quality
111	17	Discovery Bay Watershed Action Plan	Jefferson Co		Water Quality
112	17	Sequim Bay Watershed Action Plan	Clallam Co		Water Quality
113	17	The status of anad fish stock in streams of eastern Jefferson Co. WA	Alder fork Consulting	Fall 1993	Salmonids
114	17	Sequim Bay Early Action Watershed Plan	Jefferson Co		Water Quality
115	17	Snow/Salmon Cr	USFS (Olympic NF)	10/96	Fish, Water Qual, land use
116	17	Big Quilcene	USFS/DNR	2/97	Fish, Water Qual, land use
117	17	Big Quilcene Pilot Watershed Analysis	DNR, USFS, Point-no-Point Treaty Council, DOE	10/94	Fish, Wildl, Mass Wast, etc
118	1718	The DQ Plan, The Dungeness-Quilcene Water Resources Management Plan	Jamestown S'Klallam Tribe	6/94	
119	171819	Community-Based Salmon Restoration Opportunities on the Olympic Peninsula	Ginna Correa	8/97	Salmonids
120	18	Dungeness-Quilcene Wtr Res Mgmt Plan	Jamestown S'Klallam Tribe	1994	
121	18	Dungeness Watershed Analysis	USDA Forest Service	1995	
122	18	Recommended Rest Proj for Dungeness R	Dungeness R Rest Work Group	1997	

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123	18	Dungeness R Compreh Flood Control Mgmt Plan	Clallam Co	1989	
124	18	Dungeness R. Area Watershed	Clallam Co	1991	
125	18	Dungeness R. Area Wtrshd Mgmt Plan	Clallam Co	1993	
126	18	Dungess R Irrigation Ditch Leakage Assessment	Montgomery Water Group	1993	
127	18	Instream Flow Recommend. for Dungeness-Quilcene Area Salmon & Steelhead Streams	Hiss, USFWS	1993	
128	18	Fish Hab Analy for Dungeness R Using IFIM	Wampler & Hiss, WDFW	1991	
129	18	Dungeness River	USFS (Olympic NF)	1995	Fish, Water Qual, land use
130	18	Graywolf	USFS (Olympic NF)	1995	Fish, Water Qual, land use
131	18				Salmonids
132	18	Dungeness Chinook Rebuilding Project Progress Rept 1992-1993	Smith, WDFW & Wampler, USFWS	1995	
133	18	Review of the Influence Exerted by Envir. Factors on spring chinook salmon in Dungeness R.	Lichatowich for Jamestown S'Klallam	1993	
134	18	An Aquatic Res Assess of Dungeness R Basin Sys: Phase 2 & 3	Orsborn & Ralph-Jamestown S'Klallam & Quilcene Ranger Dist USFS	1994	
135	18	An Aquatic Res Assess of Dungeness R Basin Sys: Phase 1	Orsborn & Ralph-Jamestown S'Klallam	1992	
136	18	Dungeness Pink Outmigration	USFWS	1993	
137	18	Dungeness R. Pink & Chinook Salmon Historical Abundance, Current Status & Restoration	Lichatowich for Jamestown S'Klallam	1993	
138	18	1992 WA SASSI	WDFW & WA tribes	1993	
139	18	An aquatic resource assessment of the Dungeness r. system: Phase II - Physical channel analysis, hydrology and hydraulics & Phase III - Fisheries habitat survey	John F. Orsborn, Stephen C. Ralph	11/94	hydrology/hydraulics/habitat
140	18	Dungeness River area watershed	Puget Sound Coop River Basin Team	6/91	water quality
141	1819	Port Angeles regional watershed	Puget Sound Coop River Basin Team	1993	
142	19	Sekiu Watershed Analysis	DNR, Crown Pacific, Makah Tribe	In Progress	Fish, Mass Wast, Erosion, etc
143	19	Hoko Watershed Analysis	DNR, Rayonier, Crown Pacific	12/94	Fish, Mass Wast, Erosion, etc
144	19	Sekui Coast	Crown Pacific/DNR		Fish, Water Qual, land use
145	19	Hoko	Rayonier/Crown Pac		Fish, Water Qual, land use
146	20	Sol Duc Pilot Watershed Analysis	USFS, DNR, Rayonier Timber, Quileute Tribe, DOE	3/95	Fish, Wtr Qual, Mass Wast, etc

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147	20	Calawah, NF	Rayonier		Fish, Water Qual, land use
148	20	Sol Duc Pilot Watershed Analysis	USFS, DNR, Rayonier Timber, Quileute Tribe, DOE	3/95	Fish, Wtr Qual, Mass Wast, etc
149	20	Sol Duc Pilot Watershed Analysis	USFS, DNR, Rayonier Timber, Quileute Tribe, DOE	3/95	Fish, Wtr Qual, Mass Wast, etc
150	20	Sol Duc Pilot Watershed Analysis	USFS, DNR, Rayonier Timber, Quileute Tribe, DOE	3/95	Fish, Wtr Qual, Mass Wast, etc
151	20	East/West Dickey Watershed Analysis	DNR, Rayonier, Quileute Tribe	In Progress	Fish, Wtr Qual, Mass Wast, etc
152	20	East/West Dickey Watershed Analysis	DNR, Rayonier, Quileute Tribe	In Progress	Fish, Wtr Qual, Mass Wast, etc
153	20	Duckabush Lwr	DNR/USFS		Fish, Water Qual, land use
154	20	North Fork Calawah Watershed Analysis	DNR, Rayonier, USFS, Quileute	8/96	Fish, Wildl, Mass Wast. etc
155	20	Sol Duc Valley	USFS/DNR/Quinault		Fish, Water Qual, land use
156	20	Satsop, WF	Weyco/Simpson/USFS	10/96	Fish, Water Qual, land use
157	20	Sol Duc Upper	USFS/DNR/Quinault		Fish, Water Qual, land use
158	20	Sol Duc NF	USFS/DNR/Quinault		Fish, Water Qual, land use
159	20	Sol Duc Lowlands	USFS/DNR/Quinault		Fish, Water Qual, land use
160	21	Queets corridor South	USFS (Olympic NF)		Fish, Water Qual, land use
161	21	Sams River	USFS (Olympic NF)	7/97?	Fish, Water Qual, land use
162	21	Metheny Cr (Quinault)	USFS (Olympic NF)	2/95	Fish, Water Qual, land use
163	21	Quinault	USFS/Quinaults	9/97?	Fish, Water Qual, land use
164	21	Boulder-Cook (Quinault)	USFS (Olympic NF)	1995	Fish, Water Qual, land use
165	22	Chehalis Wildl. area mgmt plan	WDFW	1997	Wildlife
166	22	Johns River Wildl Area mgmt plan	WDFW	1995	Wildlife
167	22	Olympic Wildl. Area Mgmt plan	WDFW	1995	Wildlife
168	22	Wynoochee Up	USFS (Olympic NF)	12/96	Fish, Water Qual, land use
169	22	Lower Chehalis Watershed Mgmt Plan	Grays Harbor Regional Plan		Water Quality
170	2223	Chehalis River Basin Action Plan	Lewis Co CD		Water Quality
171	2223	Chehalis R. Basin Fish Resource Study & Restoration Prog	USFWS		Optim fish Prod & gntc adapt
172	23	Stillman	Weyerhaeuser	10/94	Fish, Water Qual, land use
173	23	Skookumchuck Up	Weyco		Fish, Water Qual, land use



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174	23	Chehalis Headwaters	Weyerhaeuser	11/94	Fish, Water Qual, land use
175	24	Palix	Weyco/Rayonier		Fish, Water Qual, land use
176	24	North River, Lower	Weyerhaeuser		Fish, Water Qual, land use
177	24	Willapa Bay Watershed Action Program	Pac. Co, Health/Human		Water Quality
178	24	Willapa Headwaters	Weyerhaeuser	1/95	Fish, Water Qual, land use
179	24	Fall River	Weyerhaeuser		Fish, Water Qual, land use
180	24	The Willapa Fisheries Recovery Strategy	Willapa Fisheries Recovery Team	1996	
181	24	The Willapa Fisheries Recovery Strategy	The Willapa Fisheries Recovery Team/The Willapa Alliance	2/96	Salmonid
182	24	Little North/Vesta	Weyerhaeuser	6/96	Fish, Water Qual, land use
183	24	Nemah	DNR/Weyco		Fish, Water Qual, land use
184	25	Elochoman North	DNR	12/95	Fish, Water Qual, land use
185	25	Elokoman Subbasin Plan	WDF		Fish enhanc & rest.
186	25	Elochoman Main	DNR		Fish, Water Qual, land use
187	25	Lower Columbia R. Bi-state Water Qual Program	DOE (WA) DEQ (OR)		Water Quality
188	25	Grays Subbasin Plan	WDF		Fish enhanc & rest.
189	26	Cowlitz Wildl. Area mgmt plan	WDFW	1996	Wildlife
190	26	Adams Creek	USFS (Gifford Pinchot)		Fish, Water Qual, land use
191	26	Cispus	USFS (Gifford Pinchot)		Fish, Water Qual, land use
192	26	Wildlife Habitat Studies Cowlitz River Hydro Project Appendices		12/86	Wildlife
193	26	Kosmos	Murray-Pacific		Fish, Water Qual, land use
194	26	Silver Lake	Weyerhaeuser	3/94	Fish, Water Qual, land use
195	26	Nineteen	Murray-Pacific		Fish, Water Qual, land use
196	26	Wildlife Habitat Studies Cowlitz River Hydro Project Report	Envirosphere Co	12/86	Wildlife
197	26	Cisups, Lower West:	USFS (Gifford Pinchot)	2/96	Fish, Water Qual, land use
198	26	Council Bluff	USFS (Gifford Pinchot)		Fish, Water Qual, land use
199	26	Cispus, NF	USFS (Gifford Pinchot)		Fish, Water Qual, land use
200	26	Lewis Subbasin Plan	WDF		Fish enhanc & rest.
201	26	Cowlitz Subbasin Plan	WDW		Fish enhanc & rest.
202	26	Burley Mtn.	USFS (Gifford Pinchot)		Fish, Water Qual, land use
203	26	Connelly	Murray-Pacific	2/94	Fish, Water Qual, land use

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204	26	Connelly (Review)	Murray-Pacific		Fish, Water Qual, land use
205	26	Arkansas Creek Watershed Plan	Cowlitz CD		Water Quality
206	26	Cispus, Lower East:	USFS (Gifford Pinchot)	4/96	Fish, Water Qual, land use
207	26	Iron (Lower Part)	USFS (Gifford Pinchot)		Fish, Water Qual, land use
208	26	Tilton, EF	Murray-Pacific	11/94	Fish, Water Qual, land use
209	26	Cispus, Middle & Upper:	USFS (Gifford Pinchot)	1995	Fish, Water Qual, land use
210	26	Kiona	Murray-Pacific	1/96	Fish, Water Qual, land use
211	26	Coweeman Upper	Weyerhaeuser		Fish, Water Qual, land use
212	26	Cowlitz Upper	USFS (Gifford Pinchot)	6/97?	Fish, Water Qual, land use
213	26	Cowlitz Middle	USFS (Gifford Pinchot)	3/97	Fish, Water Qual, land use
214	27	Lewis NF, Upper & Mid:	USFS (Gifford Pinchot)	1995	Fish, Water Qual, land use
215	27	Adams	USFS (Gifford Pinchot)		Fish, Water Qual, land use
216	27	Muddy River	USFS (Gifford Pinchot)	6/97?	Fish, Water Qual, land use
217	27	Swift Cr (North)	USFS (Gifford Pinchot)		Fish, Water Qual, land use
218	27	Siouxon (East)	USFS (Gifford Pinchot)		Fish, Water Qual, land use
219	27	Canyon Cr (East)	USFS (Gifford Pinchot)		Fish, Water Qual, land use
220	27	Rock Cr Clark (SE)	USFS (Gifford Pinchot)		Fish, Water Qual, land use
221	27	Copper Cr	USFS (Gifford Pinchot)		Fish, Water Qual, land use
222	27	Lewis NF, Lower:	USFS (Gifford Pinchot)	7/96	Fish, Water Qual, land use
223	27	Kalama	USFS (Gifford Pinchot)	9/96	Fish, Water Qual, land use
224	27	Kalama Middle	WDW/WDF	12/94	Fish, Water Qual, land use
225	27	Lewis EF:	USFS (Gifford Pinchot)	9/96	Fish, Water Qual, land use
226	27	EF Lewis River Watershed Plan	Clark Co Public Svc		Water Quality
227	27	Kalama Subbasin Plan	WDW		Fish enhanc & rest.
228	27	Goat Mtn (Eastern)	USFS (Gifford Pinchot)		Fish, Water Qual, land use
229	27	Cougar (North, Middle)	USFS (Gifford Pinchot)		Fish, Water Qual, land use
230	28	Shillapoo & Vancouver Lake Wildl. Area Mgmt plan	WDFW	1996	Wildlife
231	28	Salmon Creek Watershed Mgmt Plan	Clark CD		Water Quality
232	28	Washougal Subbasin Plan			Fish enhanc & rest.
234	29	Flat Top	USFS (Gifford Pinchot)		Fish, Water Qual, land use
235	29	Trout Lake (Sm Upr Part)	USFS (Gifford Pinchot)		Fish, Water Qual, land use

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236	29	Lava Beds	USFS (Gifford Pinchot)		Fish, Water Qual, land use
237	29	Panakanic	DNR		Fish, Water Qual, land use
238	29	Trout Lake Cr:	USFS (Gifford Pinchot)	6/96	Fish, Water Qual, land use
239	29	Partner Cr	USFS (Gifford Pinchot)		Fish, Water Qual, land use
240	29	Wind R (Upr & Mid Part)	USFS (Gifford Pinchot)		Fish, Water Qual, land use
241	29	Wind River:	USFS (Gifford Pinchot)	2/96	Fish, Water Qual, land use
242	29	Indian Heaven	USFS (Gifford Pinchot)		Fish, Water Qual, land use
243	29	Ltl Wind (Upr & Mid Part)	USFS (Gifford Pinchot)		Fish, Water Qual, land use
244	29	Little White Salmon Subbasin Plan	WDW		Fish enhanc & rest.
245	29	Wind Subbasin Plan	WDW		Fish enhanc & rest.
246	29	White Salmon R. Watershed Mgmt Plan	Underwood CD		Water Quality
247	29	Big White Salmon subbasin Plan	WDW		Fish enhanc & rest.
248	29	Gotchen Cr (Upr Part)	USFS (Gifford Pinchot)		Fish, Water Qual, land use
249	29	dog Mtn (Upr Part)	USFS (Gifford Pinchot)		Fish, Water Qual, land use
250	29	Ltl Huckleberry Mtn	USFS (Gifford Pinchot)		Fish, Water Qual, land use
251	29	White Salmon, Little:	USFS (Gifford Pinchot)	11/95	Fish, Water Qual, land use
252	29	Cave Cr (West part)	USFS (Gifford Pinchot)		Fish, Water Qual, land use
253	29	White Salmon, Upr:	USFS (Gifford Pinchot)	1995	Fish, Water Qual, land use
254	29	Crofton Cr	USFS (Gifford Pinchot)		Fish, Water Qual, land use
255	29	Cascade Cr	USFS (Gifford Pinchot)		Fish, Water Qual, land use
256	30	Brooks/Butler/West Prong	Boise		Fish, Water Qual, land use
257	30	Box Canyon	USFS (Wenatchee NF)	7/95	Fish, Water Qual, land use
258	30	Klickitat Subbasin Plan	YIN		Fish enhanc & rest.
259	32	Walla Walla Subbasin Plan	Confederated Tribes of Umatilla	1985	salmonids, water qual.,
260	32	unk	USFWS	1987	Slmnds, wildl, land use, flood
261	32	Touchet SF/Wolf Fk/Robinette	USFS/DNR		Fish, Water Qual, land use
262	32	Walla Walla River Basin Reconnaissance Report	Corps of Engineers	1992	slmnds, wildl, wtr qual, flood
263	32	Walla Walla River Basin Reconnaissance Report	Corps of Engineers	1997	Slmnds, wildl, landuse, flood
264	34	SCS PL 566 Small Watershed Planning	Soil Conservation Svc		Water Quality
265	34	Missouri Flat Creek Watershed Plan	Palouse CD		Water Quality
266	34	Skagit Watershed Restoration Efforts	Skagit System Coop	1993	

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ENTRY #	WRIA	Document Title	Author	Date Completed	Issues Addressed
267	34	Paradise Creek Watershed Mgmt Plan	Palouse CD		Water Quality
268	35	Chief Joseph Wildl area mgmt plan	WDFW	1997	Wildlife
269	35	Asotin Creek, Grouse Flats & Weatherly Wild. area mgmt plan	WDFW	1997	Wildlife
270	35	William T. Wooten Wildl. Area mgmt plan	WDFW	1997	Wildlife
271	35	Sediment transport, water quality, and changing bed conditions, Tucannon River	Hecht, et al.	1982	sediment transport
272	35	Ecological investigations of the Tucannon River	DW Kelly, et al.	1982	salmonids, hab, water qual
273	35	Asotin Creek Model Watershed Plan	Landowner Steering committee	1995	
274	35	Fish Enhancement Study	WDFW	1981	salmonids, habitat condition
275	35	Fish Enhancement Study	WDFW	1981	salmonids, habitat condition
276	35	Fish Enhancement Study	WDFW	1981	salmonids, habitat condition
277	35	Water Availability Report??	DOE/WDFW	1996	salmonid habitat, water quan
278	35	Asotin Model Watershed Plan	Asotin Co. Conserv. Dist.	1996	salmonids, water qual., flood
279	35	Pataha Model Watershed Plan	Garfield Co. Conserv. Dist.	1997	salmonids, water qual., flood
280	35	Tucannon Model Watershed Plan	Col. Co. Conservation Dist., et al.	1997	salmonids, water qual., flood
281	35	Tucannon Subbasin Plan	WDFW	1985	salmonids, water qual.,
282	35	Grande Ronde River Subbasin Plan	unk	1985	salmonids, water qual.,
283	35	Asotin Creek Subbasin Plan	WDFW	1985	salmonids, water qual.,
284	35	Asotin Creek Model Watershed Plan	The Landowner Steering Committee	4/95	
285	35	Fish Enhancement Study	WDFW	1981	salmonids, habitat condition
286	35	Walla Walla Subbasin Plan	CTUIR		Fish enhanc & rest.
287	35	Grande Ronde Model Watershed Prog (Oregon effort near state border)	BPA		Comprehen wtrshd plan
288	35	Grande Ronde Subbasin Plan	ODFW		Fish enhanc & rest.
289	35	Tucannon Subbasin Plan	WDF		Fish enhanc & rest.
290	35	Instream Habitat Improvement	WDFW	1981-1986	salmonids, habitat
291	35	Instream Habitat Improvement	WDFW	1981-1986	salmonid, habitat conditions
292	35	Fish Enhancement Study	WDFW	1981	salmonid, habitat conditions
293	37	Sunnyside Wildlife Area Mgmt plan	WDFW	1995	Wildlife
294	38	Oak Creek Wildlife Area Mgmt plan	WDFW	1995	Wildlife
295	38	Naches Little	USFS (Wenatchee NF)	10/94	Fish, Water Qual, land use

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ENTRY #	WRIA	Document Title	Author	Date Completed	Issues Addressed
296	38	Naches Pass	USFS/Plum	10/94	Fish, Water Qual, land use
297	38	Tieton, Lwt	USFS (Wenatchee NF)	9/96	Fish, Water Qual, land use
298	38	Naches/Nile Wenas	USFS (Wenatchee NF)	2/96	Fish, Water Qual, land use
299	38	Little Naches River Sediment Mgmt Plan	TFW		Imprv spring chin & stlhd hab
300	39	Yakima River Species Interactions Studies. Annual Report FY 1994, DOE/BP-99852-3.	Pearsons, T. N., G. A. McMichael, S. W. Martin, E. L. Bartrand, J. A. Long, and S. A. Leider.	1996	Salmonids
301	39	Yakima River Species Interactions Studies. Annual Report FY 1990, DOE/BP-01483-1.	Hindman, J. N., G. A. McMichael, J. P. Olson, and S. A. Leider.	1991	Salmonids
302	39	Yakima River Species Interactions Studies. Annual Report FY 1993, DOE/BP-99852-2.	Pearsons, T. N., G. A. McMichael, S. W. Martin, E. L. Bartrand, M. Fischer, and S. A. Leider.	1994	Salmonids
303	39	Yakima Species Interactions Study. Annual Report FY 1992, DOE/BP-01483-3.	Pearsons, T. N., G. A. McMichael, E. L. Bartrand, M. Fischer, J. T. Monahan, and S. A. Leider.	1993	Salmonids
304	39	Yakima River Species Interactions Studies. Annual Report FY 1991, DOE/BP-01483-2.	McMichael, G. A., J. P. Olson, E. L. Bartrand, M. Fischer, J. N. Hindman, and S. A. Leider.	1992	Salmonids
305	39	Quartz Mountain	Plum Creek	11/94	Fish, Water Qual, land use
306	39	Naneum	USFS (Wenatchee NF)	10/94	Fish, Water Qual, land use
307	39	Naneum	DNR	2/96	Fish, Water Qual, land use
308	39	Taneum/Manastash	USFS (Wenatchee NF)	1/95	Fish, Water Qual, land use
309	39	Yakima, Upr	USFS (Wenatchee NF)	1/97	Fish, Water Qual, land use
310	39	Teanaway, WF	Plum/Boise		Fish, Water Qual, land use
311	39	Teanaway, NF	Boise	4/97?	Fish, Water Qual, land use
312	39	Cabin Creek	Plum Creek		Fish, Water Qual, land use
313	39	Big Creek	Plum Creek		Fish, Water Qual, land use
314	39	Alps	Plum Creek		Fish, Water Qual, land use
315	39	Cle Elum	USFS (Wenatchee NF)	9/96	Fish, Water Qual, land use
316	39	Manastash, SF	USFS/DNR/Plum		Fish, Water Qual, land use
317	39	Mad River	USFS (Wenatchee NF)	3/95	Fish, Water Qual, land use
318	39	Keechelus/Mosquito Cr	Plum Creek		Fish, Water Qual, land use
319	40	Columbia R. from Bonneville Dam to Priest Rapids Dam subbasin Plan	WDF		Fish enhanc & rest.

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ENTRY #	WRIA	Document Title	Author	Date Completed	Issues Addressed
320	43	Swanson Lakes Wildl. Area mgmt plan	WDFW	1997	Wildlife
321	45	Nason	USFS/Plum	4/96	Fish, Water Qual, land use
322	45	Production and habitat of	Mullan, J.W., K.R. Williams,	1992	Current production of
323	45	Mission	USFS (Wenatchee NF)	10/94	Fish, Water Qual, land use
324	45	Peshastin	USFS (Wenatchee NF)		Fish, Water Qual, land use
325	45	Spromberg	USFS (Wenatchee NF)	6/95	Fish, Water Qual, land use
326	45	Swauk	USFS (Wenatchee NF)	4/97	Fish, Water Qual, land use
327	45	Wenatchee River Watershed Mgmt Plan	Chelan CD		Water Quality
328	45	Chelan	USFS (Wenatchee NF)		Fish, Water Qual, land use
329	45	Wenatchee Subbasin Plan	WDF		Fish enhanc & rest.
330	45	Icicle	USFS (Wenatchee NF)	9/95	Fish, Water Qual, land use
331	46	Entiat Subbasin Plan	WDF		Fish enhanc & rest.
332	46	salmonids in mid-Columbia	G. Rhodus, T.W. Hillman, and		salmonid stocks and
334	46	Entiat	USFS (Wenatchee NF)	3/95	Fish, Water Qual, land use
335	47	Lake Chelan Comprehensive Wtrshd Plan	Chelan CD/PUD #1		Water Quality
336	48	Methow Wildl. Area mgmt plan	WDFW	1997	Wildlife
337	48	Methow Middle	USFS (Okanogan NF)	3/97	Fish, Water Qual, land use
338	48	Methow Upper	USFS (Okanogan NF)	9/97	Fish, Water Qual, land use
339	48	Salmon river	USFS (Okanogan NF)	4/97	Fish, Water Qual, land use
340	48	Twisp River	USFS (Okanogan NF)	6/95	Fish, Water Qual, land use
341	48	Tonasket	USFS (Okanogan NF)		Fish, Water Qual, land use
342	48	Methow Lower	USFS (Okanogan NF)	9/97	Fish, Water Qual, land use
343	48	Libby Cr (Methow)	USFS (Okanogan NF)	10/95	Fish, Water Qual, land use
344	48	San Poil, WF	USFS (Okanogan NF)	8/97	Fish, Water Qual, land use
345	48	Chewuch River	USFS (Okanogan NF)	11/94	Fish, Water Qual, land use
346	48	Early Winters	USFS (Okanogan NF)	6/96	Fish, Water Qual, land use
347	48	tributary streams	J.D. McIntyre		condition of habitat
348	48	Chewack No. streambank rest. & fish enhanc project	Chewack North Landowners		Bank restoration
349	48	Goat Creek, Winthrop	USFS (Okanogan NF)	4/95	Fish, Water Qual, land use

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ENTRY #	WRIA	Document Title	Author	Date Completed	Issues Addressed
350	48	Methow Demonstration Project Study	USBR		Fish enhanc & rest.
351	49	Toats Coulee, SF	USFS (Okanogan NF)	11/95	Fish, Water Qual, land use
352	49	Toats Coulee, MF	USFS (Okanogan NF)	11/95	Fish, Water Qual, land use
353	49	Toats Coulee, NF	USFS (Okanogan NF)	11/95	Fish, Water Qual, land use
354	49	Methow/Okanogan/Similkameen Subbasin Plan	WDW		Fish enhanc & rest.
355	49	Omak Creek Watershed Plan/Environmental Assessment		7/95	Environmental Assess
356	55	Little Spokane Scenic River Mgmt Plan	Wa State Parks		Carrying capacity study
357	55	West Branch/Ltl. Spokane	Boise		Fish, Water Qual, land use
358	55	Little Spokane Scenic R Water Qual Study	DOE		Water Quality
359	57	Thompson Creek	DNR		Fish, Water Qual, land use
360	58	Sherman Creek Wildl. Area mgmt plan	WDFW	1997	Wildlife
361	58	Wildlife Area Plan	Charles R. McComb	Draft	Water Quality/wildlife
362	59	Deer lake (Loon Lk)	Boise		Fish, Water Qual, land use
363	59	Huckleberry Cr	DNR	4/95	Fish, Water Qual, land use
364	60	Waucondah Summit	DNR		Fish, Water Qual, land use
365	61	Onlon Creek	Boise		Fish, Water Qual, land use
366	61	Big Sheep	Boise/DNR	8/95	Fish, Water Qual, land use
367	62	LeClerc Creek Wildl. area mgmt plan	WDFW	1997	Wildlife
368	62	LeClerc Creek Wildlife Area Plan	Charles R. McComb	Draft	Water Quality/wildlife
369	62	LeClerc Creek	Plum Cr/sold to Stimson		Fish, Water Qual, land use
370	124	Cedar River preliminary Draft basin & nonpoint action plan	Watershed Mgmt Committee	1995	
371	103045	White River Spring Chinook Salmon	WDFW/Puyallup Tribe of Indians/Muckleshoot Tribe	7/96	Salmon recovery
372	141517	Evaluation of Natural Stock Improvement Measures for Hood Canal Coho Salmon	Mobrand Biometrics, Inc,	12/93	Salmonids

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ENTRY #	WRIA	Document Title	Author	Date Completed	Issues Addressed
373	141517	User Manual for the coho habitat and supplementation model	Mobrand Biometrics, Inc,	8/94	Salmonids
374	141517	Concepts and tools for planning natural coho salmon enhancement measures	Mobrand Biometrics, Inc,	5/95	Salmonids
375	141517	An approach for assessing the role of habitat condition on natural coho salmon production in Hood Canal	Mobrand Biometrics, Inc,	5/95	Salmonids
376	2e+09	Columbia R below Bonneville Subbasin Plan	WDF		Fish enhanc & rest.
377	35	Skagit Wildl. Area mgmt plan	WDFW	1997	Wildlife
378	36	Padilla Bay/Bayview Watershed Plan	Skagit Co Dept of planning		Water Quality
379	37	Lower Skagit River Watershed Plan	Skagit Co Dept of planning		Water Quality
380	3335	SnakeRiver mainstem Subbasin Plan	WDF		Fish enhanc & rest.
381	3335	Proposed Recovery Plan for Snake River Salmon	NOAA/NMFS	3/95	Salmon recovery
382	35,41-44	Columbia Basin Wildl area mgmt plan	WDFW	1997	Wildlife
383	36,40,41,44-50	Upper Columbia Subbasin Plan	WDF		Fish enhanc & rest.
384	37, 38	Ahtanum, SF/Foundation Cr. Darland Mtn.	DNR		Fish, Water Qual, land use
385	373839	Ahtanum Creek Coord Res Mgmt Plan	Yakima CD		Sediment levels in gravel
386	373839	Yakima River Subbasin Plan	YIN		Fish enhanc & rest.
387	373839	Yakima River Basin Water Qual Plan	Yakima Valley COG		Water Qual Assess protocol
388	4e+07	Yakima River Watershed Mgmt Plan	Yakima Valley COG		Water Quality
389	3739	Preliminary habitat enhacement opportunities in the Yakima River Basin	Yakima Fisheries P9roject Natural Environment Team	1992	
390	3739	Yakima River Fishery Program	BPA		Product enhanc thru suppl
391	3839	L.T. Murray Wildl. area mgmt plan	WDFW	1997	Wildlife
392	394041	Colockum Wildl. Area & Swakane Entiat & Chelan Butte Satellites mgmt plan	WDFW	1997	Wildlife
393	824	WMC Preliminary Basin & Nonpoint Action Plan	King Co Public Works/Cedar R. Wtrshd Mgmt Committee	9/94	
394	?	Summary report of contaminants in Puget Sound fishes and factors affecting contaminant uptake and accumulation.	O'Neill, S.M. et. al.	in review	contam-expsre marine/anad
395	?	Protection and restoration of marine life in the inland waters of Washington State	West, J.E.	5/97	status of stress marine spcs



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ENTRY #	WRIA	Document Title	Author	Date Completed	Issues Addressed
396		Action Plan and Final Closure Response Strategy - Ecology Approved	Committee and Skagit Dept. of Planning & Development and Dept. of Ecology		Beneficial Uses Land Uses Water Quality Data Shellfish, Water Quality Nonpoint Pollution Salmonids, Wildlife
397		1992 Puget Sound coho salmon forecasts & management recommendations	WDF/NWIFC/Puget Sound Treaty Indian Tribes	11/92	Salmonids
398		Genetic diversity units & major ancestral lineages of salmonid fishes in Washington	WDFW FMP/Resource Assessment Div	11/95	Salmonids
399		Demographic & habitat requirements for conservation of bull trout	Bruce E. Rieman, John D. McIntyre	9/93	Salmonids
400		The Living River: A Guide to the Nisqually River Basin	Chris Maun	1996	Basin Info
401		Scotch Creek Wildlife Area Mitigation Management Plan	WDFW	1/97	
402		Port Angeles Regional Watershed	Puget Sound Coop River Basin Team	9/93	water quality
403		Return to the River: Restoration of salmonid fishes in the Columbia R Ecosystem	The Independent Scientific Group	9/96	Salmonids
404		Klickitat Wildlife Area Mgmt Plan	WFDW	11/94	Wildlife
405		Draft - Satsop HEP Vol 1, Analysis	WPPSS	7/91	Wildlife
406		Wildlife HEP Study Proposed Crown Jewel Mine Project	WDFW	3/95	Wildlife
407		Scatter Cr Wildl Area Mgmt Plan		9/95	Wildlife
408		Clean Water Working together, making a difference	Puget Sound-Olympic Peninsula Watershed Alliance		Salmon/wtrshd Rcvry Plan